

**METHODS FOR ENHANCING COMMUNICATION OF CONTENT  
OVER A NETWORK**

**Abstract of the Disclosure**

Methods for enabling a content node of a communication network to automatically modify a plurality of other nodes about changes to the content of the content node. The methods enable a node including a website to efficiently update the information and content of search engines connected to the network. The methods can also be used to filter, block and enhance the content transmitted by the content node over the network. The methods further facilitate E-commerce and data rights management (DRM) functions over the network.

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